



SUBSTITUTE SPECIFICATION

IDENTIFIED STRUCTURE OF A CONTROLLING BULB AND A NORMAL BULB

BACKGROUND OF THE INVENTION

A conventional decorative light string is provided with several controlling bulbs between the normal bulbs for obtaining a twinkling effect. The controlling bulb can control the normal bulb to twinkle randomly. In assembling the bulb on the light string, the controlling bulb must be connected at a right position. The conventional controlling bulb has the same appearance as a normal bulb. It is difficult to identify a controlling bulb from a normal bulb. A user endures much trouble when assembling a conventional bulb. If the controlling bulb is connected at a wrong position, the light string would be unavailable for use.

The present invention is to provide an identified structure of a controlling bulb and a normal bulb of a decorative light string, wherein the controlling bulb can be identified from a normal bulb. And the controlling bulb can only connect with relating controlling socket at its right position on the light string.

BRIEF DESCRIPTION OF THE DRAWINGS

The following drawings indicate the character and improvement of the present invention.

Figure 1 is an exploded perspective view showing a normal bulb and its relating holder and socket according to the present invention.

Figure 2 is an exploded perspective view showing a controlling bulb and its relating holder and socket according to the present invention.

DETAILED DESCRIPTION OF THE INVENTION

Referring to figure 1 and 2, they show respectively a normal bulb (1) and a controlling bulb (2). The normal bulb (1) is received in a holder (11) having two side grooves (111). A socket (12) having two inner projections (121) receives the holder (11), while the two projections (121) are engaged within the grooves (111) of the holder (11) in securement.

The controlling bulb (2) is received in a relating holder (21) having four grooves (211). The relating socket (22) is provided with four projections (221) at a same position relating to the said four grooves (211). When the controlling bulb (2) and the holder (21) is put inside the socket (22), the four projections (221) are then engaged within the four grooves (211) of the holder (21) which results in a firm connection. Since the normal bulb (1) has the projection (121) and the grooves (111) at a different position from the controlling bulb (2), the controlling

bulb (2) is then easy to be identified from the normal bulb and hence it can only be received in the relating socket (22) that will be the right position on a light string.

Above all, the character of the present invention is to provide a relating groove and a projection on the holder and the socket to ensure the correct connection for the controlling bulb or the normal bulb. The preferred embodiment of the present invention has been shown and described in detail and various modifications and improvements thereon will become readily apparent to those skilled in the art. Accordingly, the spirit and scope of the present invention is to be construed broadly and limited only by the appended claims and not by the foregoing specification.